

Message

From: Verhalen, Frances [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DA20B77D29D744A3AAEC0CF67C7718BA-VERHALEN, FRANCES]
Sent: 7/15/2020 6:57:33 PM
To: Casso, Ruben [Casso.Ruben@epa.gov]
Subject: FW: Air monitoring around Denka: next steps

Frances Verhalen, P.E., Chief
Air Monitoring & Grants Section
US Environmental Protection Agency
1200 Elm Street, Suite 500 (MC 6ARPM)
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From: Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>
Sent: Wednesday, July 15, 2020 1:17 PM
To: Verhalen, Frances <verhalen.frances@epa.gov>
Subject: FW: Air monitoring around Denka: next steps

From: Garcia, David <Garcia.David@epa.gov>
Sent: Wednesday, July 15, 2020 1:11 PM
To: Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>
Subject: RE: Air monitoring around Denka: next steps

Sounds good, thanks.

David F. Garcia, P.E.
Director
Air and Radiation Division
Ph. 214 665 7593

U.S. EPA Region 6
1201 Elm Street
Dallas, Texas

From: Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>
Sent: Wednesday, July 15, 2020 1:09 PM
To: Garcia, David <Garcia.David@epa.gov>
Subject: RE: Air monitoring around Denka: next steps

Ex. 5 Deliberative Process (DP)

From: Garcia, David <Garcia.David@epa.gov>
Sent: Wednesday, July 15, 2020 1:01 PM
To: Koerber, Mike <Koerber.Mike@epa.gov>; Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>
Subject: RE: Air monitoring around Denka: next steps

Ex. 5 Deliberative Process (DP)

We are most appreciative, once again thank you for your assistance.

David F. Garcia, P.E.
Director
Air and Radiation Division
Ph. 214 665 7593

U.S. EPA Region 6
1201 Elm Street
Dallas, Texas

From: Koerber, Mike <Koerber.Mike@epa.gov>
Sent: Wednesday, July 15, 2020 9:56 AM
To: Garcia, David <Garcia.David@epa.gov>; Robinson, Jeffrey <Robinson.Jeffrey@epa.gov>
Subject: FW: Air monitoring around Denka: next steps

David, Jeff: **Ex. 5 Deliberative Process (DP)** Let me know if you folks are on board with this.

Mike

From: Hyde, Courtney <Hyde.Courtney@epa.gov>
Sent: Tuesday, July 14, 2020 1:27 PM
To: Koerber, Mike <Koerber.Mike@epa.gov>; LaRue, Steven <LaRue.Steven@epa.gov>; Wolfe, Michael <Wolfe.Michael@epa.gov>
Cc: Wayland, Richard <Wayland.Richard@epa.gov>; Shaw, Betsy <Shaw.Betsy@epa.gov>
Subject: RE: Air monitoring around Denka: next steps

Mike,

Thanks. I am glad you checked in.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

I really appreciate the update and I am also including Betsy.

Thanks
Courtney

From: Koerber, Mike <Koerber.Mike@epa.gov>
Sent: Tuesday, July 14, 2020 1:23 PM
To: Hyde, Courtney <Hyde.Courtney@epa.gov>; LaRue, Steven <LaRue.Steven@epa.gov>; Wolfe, Michael <Wolfe.Michael@epa.gov>
Cc: Wayland, Richard <Wayland.Richard@epa.gov>
Subject: FW: Air monitoring around Denka: next steps

Courtney, Steven, Michael: Here is the summary I shared with the OAR Team this morning. Kelley talked with Anne and she wants to think about it.

Ex. 5 Deliberative Process (DP)

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Ex. 5 Deliberative Process (DP)

Kelley will try to follow up before Anne's meeting on chloroprene next Tuesday with ORD and Region 6. I'll let you know if I hear anything more.

Mike

From: Koerber, Mike

Sent: Tuesday, July 14, 2020 8:17 AM

To: Harlow, David <harlow.david@epa.gov>; Raymond, Kelley <Raymond.Kelley@epa.gov>; Cory, Preston <Cory.Preston@epa.gov>

Subject: Air monitoring around Denka: next steps

David, Kelley, Preston: I would appreciate OAR's feedback on our plan to transition the air monitoring program around the Denka facility in LaPlace, Louisiana. Given Anne's prior discussions with David Gray on this matter, please check in with her about her thoughts.

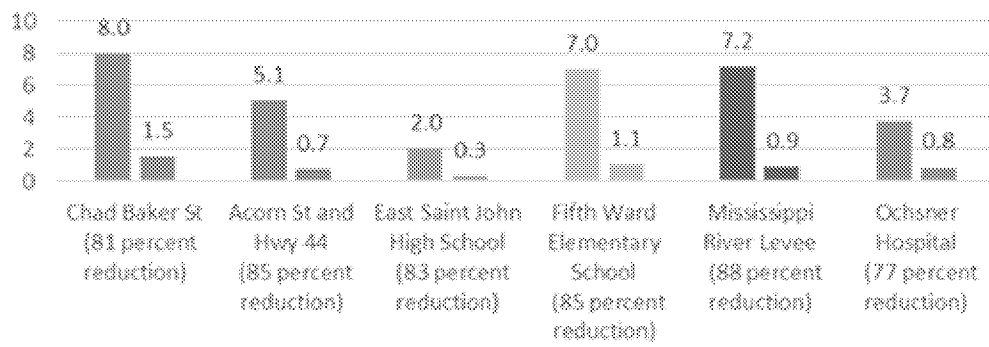
After further discussions with Region 6, we have outlined the following transition plan:

Ex. 5 Deliberative Process (DP)

Background

EPA has been conducting monitoring for chloroprene concentrations in the communities around Denka since May 2016 in response to the 2011 NATA (note: this is not the most recent NATA which generated all the ethylene oxide excitement, but the prior NATA). Since we started monitoring, the company has installed pollution controls (i.e., a Regenerative Thermal Oxidizer or RTO) and reduced emissions on the order of 80-85%. As a result, we have seen a substantial reduction in chloroprene concentrations in the area – see below.

Comparing pre-RTO (annual) and post-RTO average chloroprene concentrations ($\mu\text{g}/\text{m}^3$)



first pre-RTO annual average 5/25/2016 - 5/23/2017

last post-RTO annual average 6/16/2019 - 6/10/2020